

ENERGY STAR® Fast Facts



Fast Facts about ENERGY STAR® Qualified Compact Fluorescent Light Bulbs

- The United States Department of Energy (DOE) and the United States Environmental Protection Agency (EPA) created the colorful ENERGY STAR label to help consumers quickly and easily identify compact fluorescent light bulbs (CFLs) and other products that save energy.
- ENERGY STAR qualified CFLs can be used as replacement bulbs for almost any application in your household in which you would typically use standard incandescent lighting. ENERGY STAR qualified CFLs are great for table lamps, recessed lighting fixtures, enclosed outdoor fixtures, and recessed cans.
- An ENERGY STAR qualified CFL lasts up to 10 times longer than a standard incandescent bulb. An average ENERGY STAR qualified CFL that burns 4 hours each day would last 7 years before it needed changing.
- ENERGY STAR qualified CFLs produce high quality light that equals, and in most cases, surpasses the quality of light found in conventional, less efficient bulbs.
- ENERGY STAR qualified CFLs utilize the latest technology in the lighting industry, creating warm, bright, and inviting light and minimizing any start up delays.
- Only 10 percent of the energy (electricity) that passes through an ordinary incandescent light bulb is converted into visible light. The remaining 90 percent of energy used is wasted heat. ENERGY STAR qualified CFLs use electricity to produce light, typically using one-fourth the wattage of an incandescent to give off the same light output.
- ENERGY STAR qualified CFLs are 80 percent cooler than standard incandescent light bulbs. The cooler operating temperatures of CFLs mean savings on air conditioning costs, as well as preventing burns and fire hazards.
- ENERGY STAR qualified CFLs are made by reliable, familiar light bulb manufacturers that you have grown to trust and use.
- ENERGY STAR qualified CFLs are available in several unique styles (quad, twist, globe, circular, reflector, etc.) and a wide range of wattages, some of which even dim and work with motion or light sensors. There is an ENERGY STAR qualified CFL to meet all household lighting needs.
- Based on a minimum life of 6,000 hours at \$0.10 per kWh, a consumer can save up to \$25 in energy costs for each ENERGY STAR qualified CFL that replaces an incandescent bulb.
- Look for the ENERGY STAR label on products, packaging, literature, store signage, and in product advertising. Ask retail sales staff to show you the ENERGY STAR qualified products in their showrooms. Go to www.energystar.gov and find a store near you that carries qualified products, on the Store Locator.